

This listing of claims will replace all prior versions, and listing, of claims in the application.

LISTING OF CLAIMS:

1. (Currently amended) A liquid storage bag ~~wherein~~for use with a liquid ejection apparatus, comprising:

a flexible bag main body ~~is provided with~~to store a liquid;

a liquid supply port ~~and a cartridge case is placed in an apparatus main unit with said liquid storage bag housed in the cartridge case, whereby liquid in the bag main body is supplied through the liquid supply port to a liquid ejection head of the apparatus main unit, characterized in that~~communicating with an inside of the bag main body;

a storage means~~device attached to the bag main body~~ for storing ~~data~~information concerning ~~the liquid is provided in a part of the bag main body, that;~~

an interface section ~~for making it possible to transfer data between a data transfer section placed in a part of the cartridge case or the apparatus main unit and the storage means is provided in a part of the bag main body, and that position correction means~~connected to the storage device for transferring information to and from the liquid ejection apparatus; and

an attachment member formed with the interface section and capable of correcting the position of the interface section to establish data transfer through~~moving a position of the interface section with respect to the bag main body housed in the cartridge case is provided.~~

2. (Cancelled)

3. (Currently amended) The liquid storage bag as claimed in claim 2₁, wherein the flexible bag main body is housed in a cartridge case that is received in the liquid ejection apparatus, and

the attachment member is provided with a positioning part ~~for setting the~~ to set a relative position between the cartridge case and the attachment member as the positioning part engages a part of the cartridge case.

4. (Currently amended) The liquid storage bag as claimed in claim 1₁, wherein the interface section is placed in ~~the proximity of~~ by an end part of the bag main body.

5. (Currently amended) The liquid storage bag as claimed in claim 1₁, wherein the interface section is placed ~~in at~~ at a hermetical seal superposition portion of the sheet material forming the bag main body.

6. (Currently amended) The liquid storage bag as claimed in claim 1₁, wherein the interface section is placed ~~in the proximity of~~ by the liquid supply port.

7. (Currently amended) The liquid storage bag as claimed in claim 3₁, wherein the attachment member includes a first attachment member formed with the interface section and provided with the positioning part and a second attachment member passing through a through hole made in ~~the~~ a hermetical seal superposition portion of the bag main body for attaching the first attachment member to the hermetical seal superposition portion and the thickness of a

passage member of the second attachment member passing through the through hole is set smaller than ~~the~~ size of the through hole.

8. (Currently amended) The liquid storage bag as claimed in claim 1_a wherein the interface section comprises a contact ~~for making it possible to transfer~~ capable of transferring data to and from the data transfer section by electric conduction.

9. (Currently amended) The liquid storage bag as claimed in claim 1_a wherein the interface section ~~makes it possible to can~~ transfer data to and from the data transfer section in a noncontact manner.

10. (Currently amended) A liquid ejection apparatus comprising a liquid storage bag ~~wherein~~ including:

a flexible bag main body ~~made of a flexible sheet material is provided with~~ storing a liquid;

a liquid supply port and ~~a cartridge case is placed in an apparatus main unit with said liquid storage bag housed in the cartridge case, whereby liquid in the bag main body is supplied through the liquid supply port to a liquid ejection head of the apparatus main unit, characterized in that~~ communicating with an inside of the bag main body;

a storage means for storing data of the liquid type, the ink storage capacity, the liquid consumption amount, etc., is provided in a part of the bag main body, that device attached to the bag main body for storing information concerning the liquid;

~~an interface section for making it possible to transfer data between a data transfer section placed in a part of the cartridge case or the apparatus main unit and the storage means is attached to a part of the bag main body, and that position correction means capable of correcting the position of the interface section to establish data transfer through the interface section with the bag main body housed in the cartridge case is provided between the interface section and the bag main body, and that~~
connected to the storage device for transferring information to and from the liquid ejection apparatus; and

an attachment member formed with the interface section and capable of moving a position of the interface section with respect to the bag main body, wherein the liquid supplied from the liquid storage bag is ejected from the liquid ejection head.

11. (Currently amended) The liquid ejection apparatus as claimed in claim 10,
further comprising wherein a press member for maintaining the positioning state of the interface section and the data transfer section ~~is provided~~.

12. (Currently amended) The liquid ejection apparatus as claimed in claim 11,
wherein the press member provides a press function in response to displacement when the cartridge case is placed in the apparatus main unit.

13. (Currently amended) The liquid ejection apparatus as claimed in claim 10,
wherein the data transfer section is placed in the cartridge case.

14. (Cancelled)

15. (Currently amended) The liquid storage bag as claimed in claim ~~14~~1, wherein the interface section includes a plurality of connection electrodes.

16. (Currently amended) The liquid storage bag as claimed in claim ~~14~~1, wherein the interface section includes an antenna for conducting communications in a noncontact manner.

17. (Currently amended) The liquid storage bag as claimed in claim 15, wherein ~~an~~the attachment member, ~~implementing the position correction means,~~ installs a circuit board, ~~implementing the storage means,~~ formed with an electrode on the surface and provided with a storage section on the back and is attached movably ~~in a predetermined range relative with~~ respect to the bag main body.

18. (Currently amended) The liquid storage bag as claimed in claim 17, wherein the attachment member is formed with a positioning part engaging a positioning member formed in a housing section for housing said liquid storage bag.